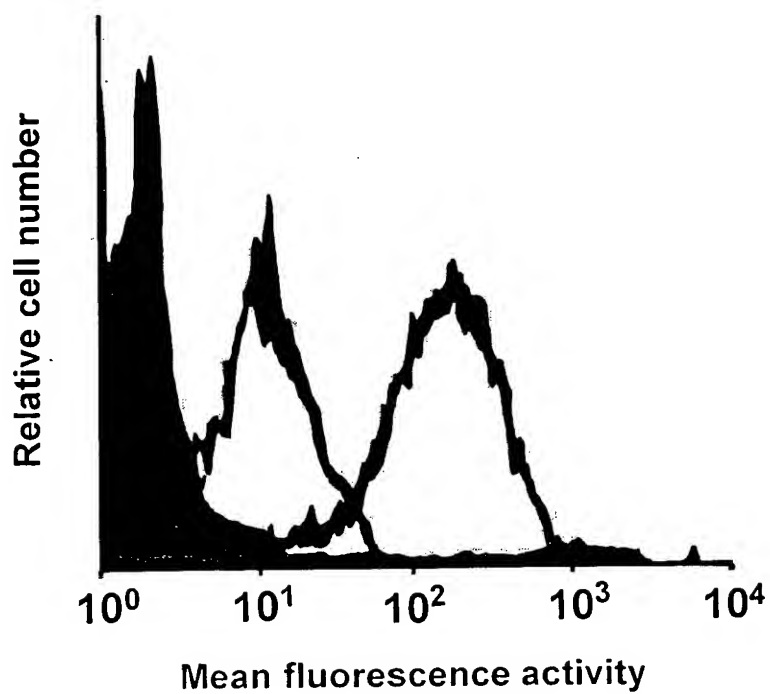




Fig. 1





!!!!

	A	A'	B	* * C	*C'
mCTLA-4	vTq.pSVVLa	SSHGVASfPc	EYSPSHNT	DEVrvTv	LRQTNDQMTEvCAT
rCTLA-4	vTq.pSVVLa	SSHGVASfPc	EYASSHNT	DEVrvTv	LRQTNDQVTEvCAT
hCTLA-4	vAq.pAVVLa	SSRGIASfv	CEYASPGKATE	EVrvTv	LRQADSQVTEvCAA
bCTLA-4	vSq.pAVVLa	SSRGVASfv	CEYASSHKATE	EVrvTv	LRQANSQMTEvCAM
mCD28	vKqSpLLVd	SN..EVS	lScRYSYNLLAKE	FraSl	YKGV.NSDVEvCVG
rCD28	vKqSpLLVd	NN..EVS	lScRYSYNLLAKE	FraSl	YKGV.NSDVEvCVG
bCD28	vKqSpMLV	VnNN..EV	lScKYTYNLFSKE	FraSl	YKGA.DSAVEvCVV
hCD28	vKqSpMLV	AyDN..AV	lScKYSYNLFSRE	FraSl	HKGL.DSAVEvCVV
mICOS	aDhR.MFS	Fh.N.GGV	QiScKYP.DIV.	QQLKmRl	FRE..REV..lCEL
hICOS	aNyE.MFI	Fh.N.GGV	QiLcKYP.DIV.	QQFKmQl	LKG..GQI..lCDL
	30		40	50	60

!! !

	C''	D	E	F *
mCTLA-4	TFTEK..NTVGFLDYPf	CSgTFN	ESRvNl	TiQGlRAVDTGLyLcKvE
rCTLA-4	TFTVK..NTLGFLDDP	fCSgTFN	ESRvNl	TiQGlRAADTGLyFcKvE
hCTLA-4	TYMMG..NELTFLDDSI	CTgtSSGNQv	Nl	TiQGlRAMDTGLyIcKvE
bCTLA-4	TYTVE..NELTFIDDS	tCTgtISHGNKv	Nl	TiQGlSAMDTGLyIcKvE
mCD28	NGNFTYQPQFRSNAE	FncDgDFD	NETvTfRlWNl	HVNHTDiyFcKiE
rCD28	NGNFTYQPQFRPNVG	FncDgNFD	NETvTfRlWNl	DVNHTDiyFcKiE
bCD28	NGNFSHPHQFHSTTG	FncDgKLG	NETvTfYlKNl	YVNQTDiyFcKiE
hCD28	YGNYSQQLQVYSKTG	FncDgKLG	NESvTfYlQNl	YVNQTDiyFcKiE
mICOS	TKTKGSGNAVS	IKNPMlCLyHLS	NNSvSfFlNNp	DSSQGSyYFcSlS
hICOS	TKTKGSGNTVS	IKSLKfCHsQLS	NNSvSfFLYNl	DHSHANYyFcNlS
	70	80	90	100 110

!! ! !

	G
mCTLA-4	LMYPPPYF.VGMGNGTQiYvIDPEPC
rCTLA-4	LMYPPPYF.VGMGNGTQiYvIDPEPC
hCTLA-4	LMYPPPYF.LGIGNGTQiYvIDPEPC
bCTLA-4	LMYPPPYF.VGMGNGTQiYvIEPEPC
mCD28	FMYPYPYLDNERSNGTiiHIKEKHLc
rCD28	VMYPYPYLDNEKSNGTiiHiKEKHLc
bCD28	VMYPYPYLDNEKSNGTiiHvKEQHFC
hCD28	VMYPYPYLDNEKSNGTiiHvKEKHLc
mICOS	IFDPPPFQER.NLSGGYlHiYESQLC
hICOS	IFDPPPFK.V.TLTGGYlHiYESQLC
	120 130 136

Fig. 2

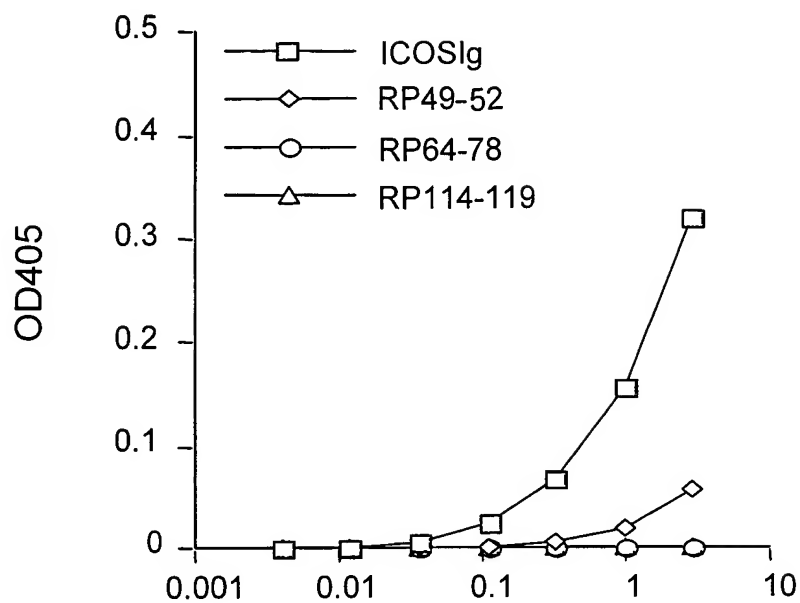


Fig. 3A

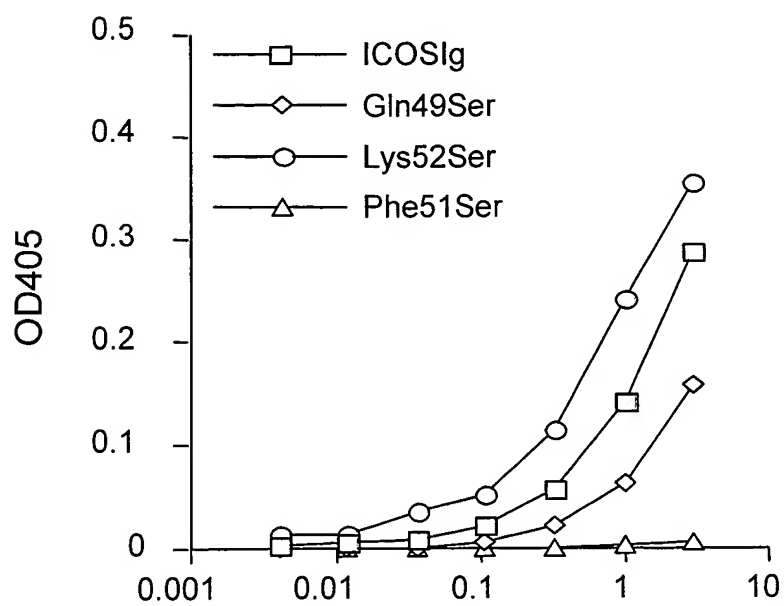


Fig. 3B



Fig. 3C

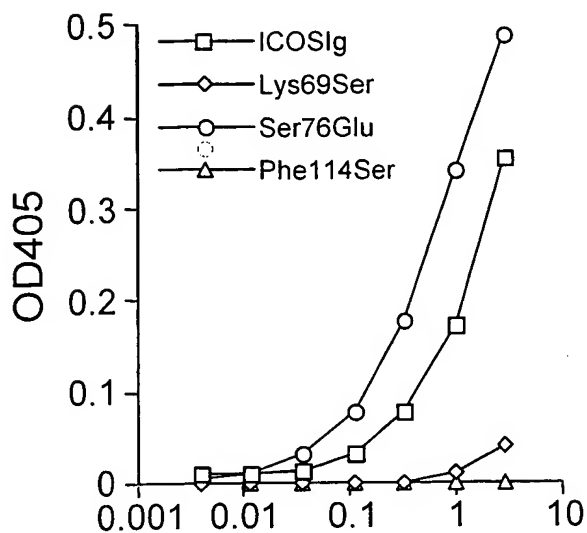


Fig. 3D

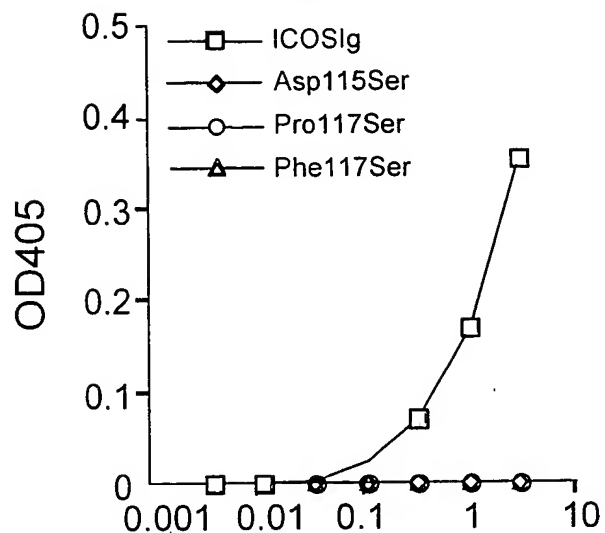


Fig. 3E

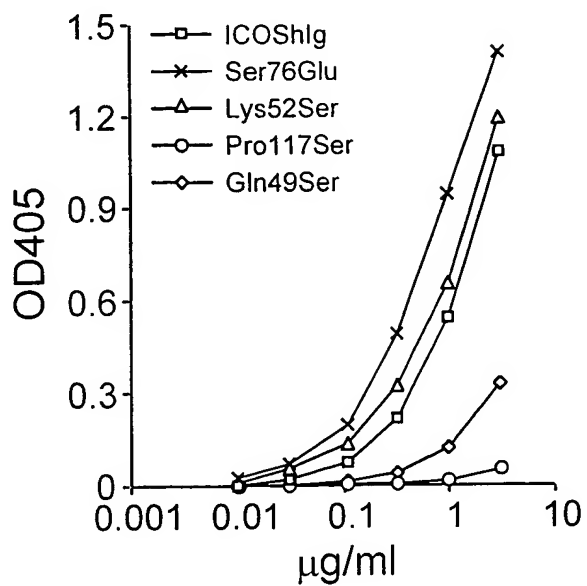




Fig. 4

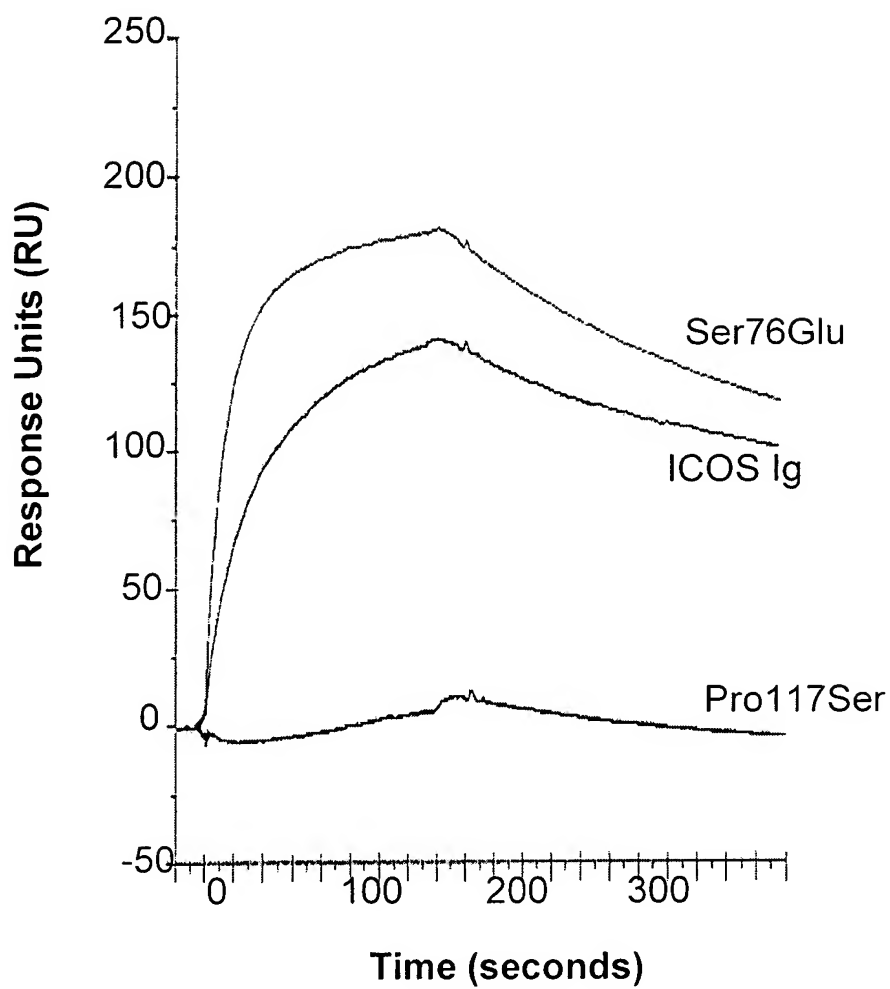




Fig. 5A

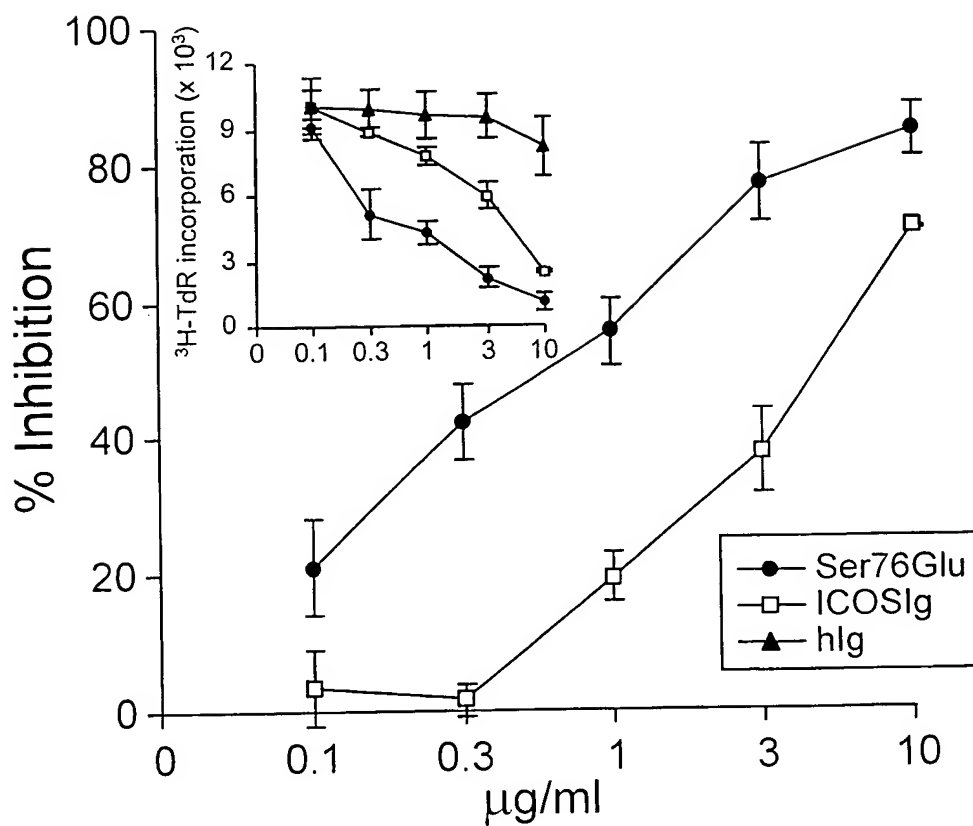




Fig. 5B

